

Transparency Market Research



**Internet Speed will get the highest boost
by the Launch of 5G technology in 2020
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REPORT DESCRIPTION

5G technology has recently come into focus and different regions are anxious about deploying 5G at the earliest. Wireless industry is currently experimenting 5G technology i.e. fifth generation of wireless network technology. A number of companies, governments and institutes have started to lay the ground for 5G technology and nobody wants to be left behind. 5G which is expected to be faster, less power consuming will complement 4G in coming years.

Brochure with the Complete Terms and Conditions for Global Market of 5G Technology at:

http://www.transparencymarketresearch.com/sample/sample.php?flag=B&rep_id=8827

5G technology market is segmented by technology as :

- > Wi-Fi
- > RAT (radio access technologies)
- > WiMAX (worldwide interoperability for microwave access)
- > HSPA (high speed package access)
- > GSM (global system for mobile)

With 5G, **RAT systems** will need to be completely redesigned to accommodate a new mobile access paradigm of massive capacity and fast network speeds. Such breakthroughs in wireless network will also drive economic and societal growth globally.

Geographically, the 5G technology market is segmented as:

- > North America
- > Europe
- > Asia Pacific
- > Middle-East

- > Africa

- > Latin America

The United States and Japan are expected to be the most potential regions in the 5G technology market. In the United States, the Federal Communications Commission (FCC) has started the assessment of the allocation of frequencies for 5G. China, Korea are striving to take over the 5G technology market and are experimenting with the technology.

Key Features of the 5G technology are:

- > Support for M2M/IoT

- > Multiple-Input and Multiple-Output(MIMO)

- > Millimeter wave

- > Spectrum sharing

- > Application and device-centric network architectures

The major challenge for 5G technology is enormously wide variation in the requirements. Moreover, the new 5G technology will need to address drawbacks of the previous generation technologies. For instance, 5G cellular systems will overcome the lack of coverage, dropped calls and low performance concerns in the 4G systems. Some of the potential 5G features will get incorporated in LTE-A+, as a result of which clear demarcation between the two will be difficult.

Most of the companies are planning to launch 5G technology in 2020.

The major universities and companies actively involved in the 5G technology market are:

- > Alcatel-Lucent S.A.

- > Deutsche Telekom AG

- > Aalborg University

- > BMW Group Research and Technology

- > Aalto University
- > Orange S.A
- > Fraunhofer-Gesellschaft
- > Chalmers University of Technology
- > Qualcomm Inc.
- > NTT DOCOMO Inc.
- > Ericsson (Telefonaktiebolaget L. M. Ericsson)
- > KTH - Royal Institute of Technology
- > Huawei Technologies Co. Ltd.
- > National and Kapodistrian University of Athens
- > Samsung
- > PUT - Poznan University of Technology
- > Nokia Siemens Networks
- > RWTH Aachen University
- > University of Bremen
- > Institut Mines-Télécom
- > University of Oulu
- > Telecom Italia
- > University of Kaiserslautern
- > UPV - Universitat Politècnica de València

5G will reshape not only the wireless industry but all other industries around it..

About Us

Transparency Market Research (TMR) is a global market intelligence company, providing global business information reports and services. Our exclusive blend of quantitative forecasting and trends analysis provides forward-looking insight for thousands of decision makers. TMR's experienced team of Analysts, Researchers, and Consultants, use proprietary data sources and various tools and techniques to gather and analyze information.

Our data repository is continuously updated and revised by a team of research experts, so that it always reflects the latest trends and information. With a broad research and analysis capability, Transparency Market Research employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports.

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